

**To:** Ariel Horowitz[ahorowitz@synapse-energy.com]; DeYoung, Robyn[DeYoung.Robyn@epa.gov]; Jeremy Fisher[jfisher@synapse-energy.com]  
**From:** Chris Lamie  
**Sent:** Tue 12/15/2015 9:35:14 PM  
**Subject:** RE: AVERT portfolio approach

Hi Ariel -- I think that'll do, unless Robyn asks for more detail. Thanks.

Chris

**From:** Ariel Horowitz [mailto:ahorowitz@synapse-energy.com]  
**Sent:** Tuesday, December 15, 2015 4:34 PM  
**To:** Chris Lamie <Chris.Lamie@erg.com>; DeYoung, Robyn <DeYoung.Robyn@epa.gov>; Jeremy Fisher <jfisher@synapse-energy.com>  
**Subject:** RE: AVERT portfolio approach

Hi, Chris,

I apologize – this is the text we sent Robyn earlier today: “The national averages presented here are the weighted average of the avoided emission rates of the various AVERT regions. Averages are weighted by the fraction of 2014 fossil generation in each region.”

Do you need something more detailed than that?

Thanks,

Ariel

**From:** Chris Lamie [mailto:Chris.Lamie@erg.com]  
**Sent:** Tuesday, December 15, 2015 4:32 PM

**To:** Ariel Horowitz <[ahorowitz@synapse-energy.com](mailto:ahorowitz@synapse-energy.com)>; DeYoung, Robyn <[DeYoung.Robyn@epa.gov](mailto:DeYoung.Robyn@epa.gov)>; Jeremy Fisher <[jfisher@synapse-energy.com](mailto:jfisher@synapse-energy.com)>  
**Subject:** RE: AVERT portfolio approach

Hi Ariel,

Can you make sure to cc me whenever you send Robyn your writeup about national emission factor weighting? I'll be using at least a piece of that writeup in a fact sheet for Robyn.

Thanks!  
Chris

**From:** Ariel Horowitz [<mailto:ahorowitz@synapse-energy.com>]  
**Sent:** Monday, December 14, 2015 5:38 PM  
**To:** DeYoung, Robyn <[DeYoung.Robyn@epa.gov](mailto:DeYoung.Robyn@epa.gov)>; Jeremy Fisher <[jfisher@synapse-energy.com](mailto:jfisher@synapse-energy.com)>  
**Cc:** Chris Lamie <[Chris.Lamie@erg.com](mailto:Chris.Lamie@erg.com)>  
**Subject:** RE: AVERT portfolio approach

Hi, Robyn,

Yes, we can definitely get that to you before the end of the week.

Best,

Ariel

**From:** DeYoung, Robyn [<mailto:DeYoung.Robyn@epa.gov>]  
**Sent:** Monday, December 14, 2015 1:56 PM  
**To:** Jeremy Fisher <[jfisher@synapse-energy.com](mailto:jfisher@synapse-energy.com)>

**Cc:** Ariel Horowitz <ahorowitz@synapse-energy.com>; Chris Lamie <Chris.Lamie@erg.com>  
**Subject:** AVERT portfolio approach  
**Importance:** High

Hi Jeremy and Ariel,

There's been some discussion here, about whether the 5% reduction for every hour of the year to represent the portfolio EE emissions factor is the appropriate magnitude. This is because many people who may use this factor will be estimating impacts from small programs that may represent less of a regional impact on an hourly basis.

We already have the 3% marginal impacts from the EPA Emissions Inventory Paper. Could you all do a 1% reduction run as well for the EE portfolio resource. For all regions and national weighted average.

I also will need a write that describes the weighted average approach for our documentation in our CPPD benefits annual report. Can you all get this to me by COB Friday Dec 18<sup>th</sup>?

Best,

Robyn (Kenney) DeYoung

202-343-9080

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